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No. 37] NEW DELHI, SATURDAY, SEPTEMBER 15, 1979 (BHADRA 24, 1901)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 15th September 1979

APPLICATION FOR PATENTS FILED AT THE
(HEAD OFFICE)

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

9th August, 1979

823/Cal/79. Maschinenfabrik Rieter A.G. Lap drive for combing machines, lap drafters and similar machines. (August 9, 1978).

824/Cal/79. Shelvoke and Drewary Limited. Refuse vehicle loading apparatus.

825/Cal/79. Union Carbide Corporation. Process for the preparation of n-substituted Bis-carbamoyl sulfide compounds. [Divisional date October 1, 1977].

826/Cal/79. Union Carbide Corporation. Process for the preparation of n-substituted Bis-carbamoyl sulfide compounds. [Divisional date October 1, 1977].

827/Cal/79. General Electric Company. Rotating anode X-ray tube with improved thermal capacity.

10th August, 1979

828/Cal/79. Lin PAC Closures & Cans Limited. Caps for jars. (August 11, 1978).

829/Cal/79. Maschinenfabrik Rieter A.G. Spinning and twisting spindle.

830/Cal/79. Stamicarbon B.V. Process for the purification of cycloalkane mixture obtained in the oxidation of cycloalkanes.

831/Cal/79. Garud Engineering Corporation. A chain saw.

832/Cal/79. Societe Trasen. Building which can be used particularly for dwelling purposes.

13th August, 1979

833/Cal/79. Mitsui Toatsu Chemicals, Inc. Process for preparing isopropenyl phenol.

834/Cal/79. Mitsui Toatsu Chemicals, Inc. Process for cleaving dihydroxydiphenyl alkanes.

835/Cal/79. Institute PO Tzvetna Metalurgin. A device for mechanical separation of cathode metal from a matrix in the process of electroextraction of zinc.

836/Cal/79. Rabindra Mohan Saha. Process and apparatus for producing starch and sugar from rice gruel.

837/Cal/79. Vsesojuzny Nauchno-Issledovatel'sky Institut Tekhnicheskogo Ugleroda. Process and apparatus for producing carbon black.

14th August, 1979

838/Cal/79. Dunlop India Limited. An axle for animal driven vehicles.

839/Cal/79. Midrex Corporation. Method for the direct reduction of iron using gas from coal.

840/Cal/79. West's Pyro Limited. Emulsion fuel for kilns.

841/Cal/79. The Electric Furnace Company. Radial blade heating element.

842/Cal/79. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.P.A. Process and device for making yarn packages by winding yarns cylindrical supports and yarn packages obtained thereby. (August 24, 1978).

843/Cal/79. The B.F. Goodrich Company. Electrically conductive fabric.

APPLICATION FOR PATENT FILED AT THE
(DELHI BRANCH)

23rd July, 1979

527/Del/79. Olincorporation, "Process and Apparatus for making Composite Sheet and Heat Exchanger Panels therefrom."

528/Del/79. J.&E. Arnfield Limited, "Method and Apparatus for forming a Helical Gear Pump or Motor Rotor." (11th August 1978).

529/Del/79. Akal Mechanical Works, "Flat Lock Machine (3 Threads)."

24th July, 1979

530/Del/79. Sherritt Gordon Mines Limited. "Process for the Production of Coin Blanks". (31st October 1978).

531/Del/79. Redon Trust, "Remote Control Device for Activating or Inactivating a Pneumatic War Mine."

532/Del/79. Redon Trust "Device Actuated Electrically to Trigger a Mechanical Percussion Detonator."

533/Del/79. G. D. Societa Per Azioni, "Variable capacity store for bar shaped elements, particularly cigarettes."

534/Del/79. G. D. Societa Per Azioni, "An Improved apparatus for forming and overwrapping batches of Products."

25th July, 1979

535/Del/79. Dr. Mangalore Nagappa Shetty, Mr. Sailendra Nath Paul and the Director, Indian Institute of Technology, Kanpur, "High Strength high Temperature applications alloy by Directional Solidification."

536/Del/79. Dr. Mangalore Nagappa Shetty, Mr. Sudhakar Dodhu Bonde and the Director, Indian Institute of Technology, Kanpur, "High Strength alloy by an improved Directional solidification method."

537/Del/79. Dr. Mangalore Nagappa Shetty, Mr. Sudhakar Dodhu Bonde and the Director, Indian Institute of Technology Kanpur, "Porous metal discs from, directionally solidified alloys."

538/Del/79. Shell Internationale Research Maatschappij B. V., "A Process for the Preparation of a Catalyst Composition." [Divisional Date 21st November 1977].

26th July, 1979

539/Del/79. Sehgal Papers Limited, "Pressure Sensitive Record Element and a Method of Making a Pressure Record Material".

540/Del/79. Otisca Industries Ltd, "Processers for Recovering Coal."

541/Del/79. Bayer Aktiengesellschaft, "A Process for the Production of Thiazoline-2-Thiones". [Divisional date 9th December 1977].

27th July, 1979

542/Del/79. Dr. Jagdeva Prasad Gupta, "Jepis Mechanism (A mechanism for all round moving cum oscillating table fan)."

28th July, 1979

543/Del/79. Dharam Paul Sethi, "Solar Water Heater".

544/Del/79. Council of Scientific & Industrial Research, "Open Circuit Hydraulic Prop."

APPLICATION FOR PATENTS FILED AT THE
(MADRAS BRANCH)

6th August, 1979

148/Mas/79. Lucas Industries Ltd., Piston and Cylinder Seal.

8th August, 1979

149/Mas/79. S. Gopalakrishna Iyer. Details and Modifications in a new Design Spinning Wheel.

9th August, 1979

150/Mas/79. S. Gopalakrishna Iyer. Details and Modifications in a New Design Spinning Wheel.

10th August, 1979

151/Mas/79. R. S. Zaheerudeen, Improvements in or relating to Incense Sticks.

ALTERATION OF DATE

146799.

316/Del/77. } Ante-dated 20th May, 1975.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents or any of the applications concerned at any time within four months of the date this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classification given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India) Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 64B.
Int. CL-H01r 7/00.

146791.

MOTOR OVERLOAD PROTECTIVE DEVICE.

Applicant : AKTIESELSKABET LAUR. KNUDSEN, NORDISK ELEKTRICITETS SELSKAB. OF HARALDS-GADF 53, DK 2100 COPENHAGEN, DENMARK.

Inventor : FINN KRISTENSEN.

Application No. 1821/Cal/76 filed October 5, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

Motor overload protective device of a thermal, electromagnetic, electronic or other type comprising a contactor part and an exchangeable relay part in series connection with said contactor part, one side of said relay part being inserted in the electrical main circuit at a breaking point where the movable contact belongs to the contactor part and the fixed contact belongs to the relay part, the other side of the relay being connected by a separable connection to one set of fixed terminals of the motor protector.

Comp Specn. 5 Pages, Drawings 1 Sheet.

CLASS 206C
Int CI-G01s 7/60

146792.

ARRANGEMENTS FOR CORRECTING DEVIATIONS FROM THE TRUE BEARING CAUSED BY REFLECTING SURFACES IN TARGET TRACKING RADAR INSTALLATIONS

Applicant . SIEMENS-ALBIS AKTIENGESSELLSCHAFT, OF ALBISRIEDERSTRASSE 245 8047 ZURICH, SWITZERLAND

Inventors URS LEUENBERGER AND DR ALBERT SCHENKFL

Application No 1836/Cal/76 filed October 6, 1976

Convention date May 24, 1976/(21352/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

4 Claims

An arrangement for correcting deviations from the true bearing due to the effects of specular reflecting surfaces in target tracking radar installations comprising at least three primary feeders at least two of said primary feeds being aligned such that a plane formed by the longitudinal axes of their radiation characteristics is disposed at least approximately perpendicular to the specular reflecting surface, and at least one further primary feed is arranged such that the longitudinal axis of its radiation characteristic is located externally of such plane, a summation signal, two difference signals and a cross term signal formed in at least one measurement interval, means for forming an angle error signal (E) from these signals and which angle signal is divided into two components, a signal processing stage for forming a correction signal $F\Delta I$ in order to correct the angle error signal portion ($EEP = FE - F\Delta$) falsified by the specular reflection effects in phase with the summation signal, the correction signal ($F\Delta I = F\Delta - F\Delta R$) being formed as a signal which is substantially directly proportional to the angle error signal EEQ falsified by the specular reflection effects and in quadrature to the summation signal, directly proportional to the angle error signal portion EKP obtained from the cross-term function and in phase with the summation signal, and inversely proportional to the angle error signal portion EKQ obtained from the cross-term function and in quadrature to the summation signal

Comp Specn, 17 Pages Drags 3 Sheets

CLASS 206E
Int. CI-H01l 1/00.

146793

A SEMICONDUCTOR DEVICE.

Applicant RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020, UNITED STATES OF AMERICA

Inventors HFSHMAT KHAJEZADEH AND STEPHEN CARL AHRENS

Application No 81/Cal/77 filed January 20, 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta

4 Claims.

A semiconductor device (10) having a resistor (12) disposed adjacent to a planar surface (14) thereof, said resistor (12) including a first region (16) of one type conductivity adjacent to said surface (14) and having a first (22) and a second (24) ohmic contact thereto, characterized by said first region (16) being disposed in a second region (18) of said one type conductivity adjacent said surface (14), said second region (18) having a lower impurity concentration than said first region (16) whereby the conductive path of said resistor (12) is contained within the more-heavily-doped first region (16), and means for controllably establishing the value of said resistor (12) comprising two additional regions (26) of the opposite type conductivity disposed respectively on opposite sides of said conductive path adjacent to both said surface (14) and the junction between said first (16)

and said second (18) regions, said additional regions (26) having a higher impurity concentration and a greater depth than said first region (16) and extending into said first region (16), whereby the width (W1) of said resistor (12), as measured along the perpendicular to said conductive path at various locations along said conductive path, is defined by the extent of said additional regions (26) into said first region (16).

Comp Specn 13 Pages Drags. 2 Sheets

CLASS 128A.
Int CI A61C 13/00

146794.

NON-PLANAR ARCUATE SHAPED ABSORBENT LINER SUCH AS SANITARY NAPKINS AND PANTY SHIELD

Applicant PERSONAL PRODUCTS COMPANY, AT MILTOWN, NEW JERSEY, U.S.A.

Inventors JOHN COMERFORD AND MOHAMED HAMMAD.

Application No. 91/Cal/77 filed January 21, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

An absorbent nether garment liner comprising : an absorbent layer such as herein defined having a first and second major surface, said absorbent layer exhibiting an elongation under tensile stress which is recoverable when said stress is relaxed,

a body fluid impervious layer such as herein defined overlying and adhered to said first major surface, said body fluid impervious layer exhibiting less recoverable elongation than said absorbent layer,

said absorbent nether garment being essentially planar and flat under tension and assuming a non planar arcuate shape, concave inward toward said second major surface when said tension is relaxed

Comp. Specn, 18 Pages Drag. 1 Sheet

CLASS 119B
Int CI-D03d 51/24

146795.

DROP WIRES FOR USE IN MECHANICAL WARP STOP MOTION

Applicant & Inventor SAURABH NATVERLAL KINARIWALA, OF 17, CAMAC STREET, CALCUTTA-700017, INDIA

Application No 749/Cal/77 filed May 20, 1977.

Complete Specification left May 10, 1978

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A drop wire adapted for use with machinical warp motion attachments for a weaving or knitting machine comprising a metallic strip having a base with an eye through which the warp yarn extends, a head section with an elongate slot extending downwardly therefrom characterized in that said head portion has a reinforcement in the form of a single groove or indentation or a plurality of said grooves or indentations provided at least one on one side thereof.

Prov 7 Pages Comp. Specn. 10 Pages drag 1 Sheet.

CLASS 114D
Int CI-C14c 1/06.

146796.

LIME-FREE AND SULFIDE-FREE LIMING PROCESS FOR THE TREATMENT OF ANIMAL HIDES

Applicant . BASF AKTIENGESSELLSCHAFT, AT 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY

Inventors : FRANCE KNAFLIC AND FRANZ-FRIED-RICH MILLER.

Application No. 335/Cal/78 filed March 28, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims No drawings.

A lime-free and sulfide-free liming process, for the treatment of animal hides wherein a combination of sodium hydroxide solution and (as an agent for controlling the swelling of the hide being limed) sodium sulfate and/or a sodium salt of a dicarboxylic acid of 3 to 6 carbon atoms is employed under the usual conditions for a liming process.

Comp. Specn. 13 Pages. Drg. Sheet Nil.

CLASS 205K. 146797.
Int. Cl.-B60c 19/00.

METHOD OF FORMING BELTED RADIAL TIRES FROM CYLINDRICAL TIRE BAND.

Applicant : THE GENERAL TIRE & RUBBER COMPANY, OF ONE GENERAL STREET, AKRON, OHIO 44329, UNITED STATES OF AMERICA.

Inventors : JAMES EARL BRITTON, JOSEPH LAWRENCE GRANT AND JOHN ALAN WELCH.

Application No. 1557/Cal/76 filed August 24, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A method of forming a belted radial tire from a cylindrical radial green tire band of the type having biased corded belts adapted to pantograph and expand circumferentially as the tire band is shaped to be molded into a finished tire without "S-ing" of the radial cords of the carcass plies under the belts of the finished tire as may be caused by the pantograph action of the belts while the tire band is being expanded into finished shape, the steps comprising :

(1) lowering a belted radial green tire band of generally cylindrical shape into a conventional tire molding press over the inflatable curing bladder until the lower bead of the tire band is seated in the lower bead seat of the press, then applying inflation pressure into the curing bladder to a first pressure level while partially closing the press;

(2) continuing to apply inflation pressure to a greater second pressure level while continuing to close the press wherein said belts pantograph and circumferentially expand primarily through partially closing the press and applying pressure up to said second pressure level until said tire band has reached a generally circular U-shape;

(3) holding the pressure to said second pressure level while the press is in partially open position for a sufficient time interval to retain the belts in expanded position while the carcass cords under the belts stretch to disposed at substantially 0° with respect to the tire axis ;

(4) lowering the pressure from said second pressure level to about the same as said first pressure level to permit ready closure of the press about said tire band; and

(5) fully closing said press and applying higher molding pressure and temperature to cure the tire band into a finished tire as usual.

Comp. Specn. 11 Pages. Drg. 1 Sheet.

CLASS 32F^{va} & 40B. 146798.
Int. Cl.-C07c 43/04, B01j 11/06.

METHOD FOR THE PREPARATION OF DIMETHYL ETHER.

Applicant : SNAMPROGETTI S.P.A., OF CORSO VENEZIA 16, MIAN, ITALY.

Inventors : GIOVANNI MANARA, BRUNO NOTARI AND VITTORIO FATTORE.

Application No. 1759/Cal/77 filed December 21, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

A method for the production of dimethyl ether starting from CO and H₂ comprising the steps of feeding to a reaction enclosure said CO and H₂, reacting in said reaction enclosure CO and H₂ in the presence of a catalyst and separating from the mixture which emerges from the reactor the dimethyl ether which has been obtained, characterized in that the catalyst is composed by metal oxides and/ or salts which have been subjected to stabilization by silicon compounds such as herein defined.

Comp. Specn. 14 Pages. Drg.-Sheet Nil.

CLASS 64B₂. 146799.
Int. Cl.-H01r 15/00.

A SOCKET OR ADAPTOR.

Applicant & Inventor : ATAM DEWAN, 31/21, EAST PATEL NAGAR, FIRST FLOOR, NEW DELHI-110008, INDIA.

Application No. 316/Del/77 filed October 13, 1977.

Division of Application No. 1006/Cal/75 filed May 20, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

13 Claims.

An adaptor or socket comprising a housing having an earth terminal for connecting the earth conductor of a load to a power source, an input phase terminal adapted to be connected to a power source, an input line terminal adapted to be connected to a power source, one of said terminals connecting the load conductor to the power source, an auxiliary terminal connected to the other terminal for connecting the other of the load conductor to the power source, characterised by a shutter mechanism consisting of a shutter body having a pair of arms adapted to close the auxiliary and neutral terminals, and a third arm adapted to partly close the earth terminal when a load is not connected to said device, said shutter body being slidably disposed within said housing.

Comp. Specn. 14 Pages. Drgs. 2 Sheets.

CLASS 551. 146800.
Int. Cl.-A61k 23/00, C12k 5/00.

PROCESS FOR PRODUCING A VACCINE FOR USE IN THE IMMUNOTHERAPY OF NEOPLASTIC DISEASE.

Applicant & Inventor : DUNCAN LEE MCCOLLESTER, OF BEECH LANE, TARRYTOWN, NEW YORK 10591, UNITED STATES OF AMERICA.

Application No. 396/Del/77 filed November 17, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims. No drawings.

A process for producing a vaccine for use in the immunotherapy of neoplastic disease, said vaccine being produced by :

- obtaining an amount of cancerous tissue from the patient to be treated;
- disaggregating the tissue into its component cells;
- suspending the cells in water;
- subjecting the suspended cells to hydrodynamic turbulence sufficient to disrupt the cells and detach therefrom the cell components possessing cancer-specific antigens; and
- contacting and admixing the cell components obtained in step (d) with a source of manganous ion and a macro-molecular polysaccharide carbohydrate to form the vaccine.

Comp. Specn. 28 pages. Drg. Sheet. Nil.

CLASS 40F.

Int. Cl.-E21b 43/27, 43/28.

146801.

PROCESS FOR RECOVERING HYDROCARBON FROM SUBTERRANEAN FORMATIONS (DOCKET 730016-A-IND).

Applicant : HERCULES INCORPORATED, OF WILMINGTON, DELAWARE, 19899, UNITED STATES OF AMERICA.

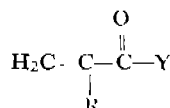
Inventors : BRUCE LEE KNIGHT AND WILLIAM BARNEY GOGARTY.

Application No. 457/Del/77 filed December 14, 1977

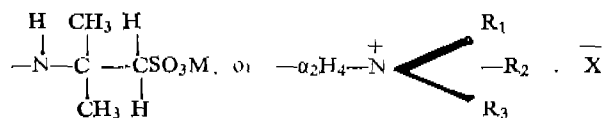
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

31 Claims. No drawings.

An improved process for recovering hydrocarbon from a subterranean formation having an injection means in fluid communication with a production means wherein a slug containing water is injected into the formation and displaced toward the production means to recover the hydrocarbon there-through, comprising incorporating into the aqueous saline slug a water-soluble, substantially linear high molecular weight polymer obtained by a process which comprises irradiating an aqueous solution having a pH of about 2 to about 12 and containing about 10% to about 40% by weight of : (a) an ethylenically unsaturated monomer having the formula (I) :



(b) mixtures of monomers of formula (I), or (c) mixtures of at least one of the monomers of formula (I) with up to 50% by weight of an ethylenically unsaturated monomer selected from the group consisting of vinyl sulfonic acid, alkali metal salts of vinyl sulfonic acid, diacetone acrylamide, and mixtures thereof, wherein R represents hydrogen or methyl and Y represents $-\text{NH}_2$, $-\text{OM}$,



wherein M is hydrogen, H_2N , alkali metal, or any other cation yielding a water-soluble, polymerizable compound, R_1 , R_2 and R_3 are 1 to 4 carbon alkyl radicals and X is an anion, and containing at least about 3% by weight of a salt selected from the group consisting of potassium sulfate, potassium chloride, potassium fluoride, potassium bisulfate, tribasic potassium phosphate, dibasic potassium phosphate, monobasic potassium phosphate, sodium sulfate, sodium bisulfate, sodium chloride, tribasic sodium phosphate, dibasic sodium phosphate, monobasic sodium phosphate, lithium sulfate, lithium bisulfate, lithium chloride, ammonium sulfate, ammonium bisulfate, ammonium chloride, tribasic ammonium phosphate, dibasic ammonium phosphate, monobasic ammonium phosphate, ammonium fluoride, aluminum sulfate, aluminum chloride, and mixtures thereof with high-energy ionizing radiation at an intensity of about 1,000 to about 200,000 rads per hour to a total radiation dose of about 1,000 to about 30,000 rads, to form an aqueous solution of a water-soluble, substantially linear high molecular weight polymer, provided that when the aqueous solution contains at least 3% by weight of a water-soluble salt selected from the group consisting of aluminum sulfate, aluminum chloride, and mixtures thereof, the unsaturated monomer consists of about 5% to about 100% of cationic monomer and about 95% to 0% nonionic monomer, and the aqueous solution has a pH of about 2 to about 5, and provided that the aqueous solution has a pH of about 7 to about 9 when the water-soluble salt is an ammonium salt, and thereafter displacing the aqueous slug toward the production well to recover hydrocarbon therethrough.

Comp. Specn. 49 Pages. Drg. Sheet. Nil.

CLASS 40F.

Int. Cl.-F21b 43/27, 43/28.

146802.

PROCESS FOR RECOVERING OIL FROM SUBTERRANEAN FORMATIONS (DOCKET 761000-A-IND).

Applicant : HERCULES INCORPORATED, OF WILMINGTON, DELAWARE, 19899, UNITED STATES OF AMERICA.

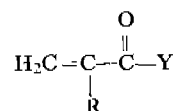
Inventors : CHARALAMBOS JOHN PHALANGIAS, ALFRED JOSEPH RESTAINO, AND HAN BO YUN.

Application No. 458/Del/77 filed December 14, 1977.

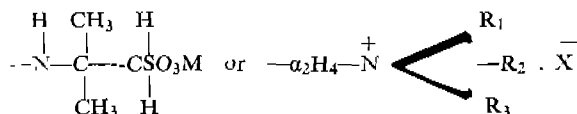
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

28 Claims. No drawings.

A process for recovering hydrocarbon from a subterranean formation having an injection means in fluid communication with a production means comprising injecting into the formation an aqueous slug comprised of a water-soluble, substantially linear, high molecular weight polymer obtained by a process which comprises irradiating an aqueous solution having a pH of about 2 to about 12 and containing about 10% to about 40% by weight of : (a) an ethylenically unsaturated monomer having the formula (I) :



(b) mixtures of monomers of formula (I), or (c) mixtures of at least one of the monomers of formula (I) with up to 50% by weight of an ethylenically unsaturated monomer selected from the group consisting of vinyl sulfonic acid, alkali metal salts of vinyl sulfonic acid, diacetone acrylamide, and mixtures thereof, wherein R represents hydrogen or methyl and Y represents $-\text{NH}_2$, $-\text{OM}$,



and R_1 are 1 to 4 carbon alkyl radicals and X is an anion, and containing at least about 3% by weight of a salt selected from the group consisting of potassium sulfate, potassium chloride, potassium fluoride, potassium bisulfate, tribasic potassium phosphate, dibasic potassium phosphate, monobasic potassium phosphate, sodium sulfate, sodium bisulfate, sodium chloride, tribasic sodium phosphate, dibasic sodium phosphate, monobasic sodium phosphate, lithium sulfate, lithium bisulfate, lithium chloride, ammonium sulfate, ammonium bisulfate, ammonium chloride, tribasic ammonium phosphate, dibasic ammonium phosphate, monobasic ammonium phosphate, ammonium fluoride, aluminum sulfate, aluminum chloride, and mixtures thereof, with high-energy ionizing radiation at an intensity of about 1,000 to about 200,000 rads per hour to a total radiation dose of about 1,000 to about 30,000 rads, to form an aqueous solution of a water-soluble, substantially linear high molecular weight polymer, provided that when the aqueous solution contains at least 3% by weight of a water-soluble salt selected from the group consisting of aluminum sulfate, aluminum chloride, and mixtures thereof, the unsaturated monomer consists of about 5% to about 100% of cationic monomer and about 95% to 0% nonionic monomer, and the aqueous solution has a pH of about 2 to about 5, and provided that the aqueous solution has a pH of about 7 to about 9 when the water-soluble salt is an ammonium salt, and thereafter displacing the aqueous slug toward the production well to recover hydrocarbon therethrough.

Comp. Specn. 46 Pages. Drg. Sheet. Nil.

CLASS 64B.

Int. Cl.-H01p 1/00.

146803.

AN ELECTRICAL CONNECTOR ELEMENT FOR A TERMINATING AND TESTING UNIT SUITABLE FOR USE IN A TELECOMMUNICATIONS EXCHANGE.

Applicant : THE POST OFFICE, OF 23 HOWLAND STREET, LONDON, W1p 6HQ, ENGLAND.

Inventors : ALAN WILLIAM MASSEY, DAVID JOHN HEDGES AND KENNETH ALFRED COX.

Application No 1161/Cal/76 filed June 30, 1976

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta

11 Claims.

An electrical connector element for a terminating and test ing unit suitable for use in a telecommunications exchange comprising a one piece strip of insulating material having a multiplicity of first conducting member locating slots in one face thereof and a multiplicity of second conducting member locating slots in the other opposite face thereof, the first and second slots being distributed along the length of the strip and running transversely of the strip from one edge to the other, a multiplicity of first conducting members located in respective first slots and a multiplicity of second conducting members located in respective second slots, characterised in that each conducting member has a tag connection portion projecting from one edge of the strip, a like multiplicity of recesses are provided in the other edge of the strip in each of which respective first and second slots communicate, and each first conducting member has a socket portion which cooperates with a socket portion of a second conducting member in a respective recess thereby defining a like multiplicity of sockets at said other edge of the strip

Comp Specn 16 Pages Drg Sheets 4

CLASS 69A & K 146804
Int Cl H01h 9/00

CIRCUIT INTERRUPTERS FOR OIL FILLED DISTRIBUTION TRANSFORMERS

Applicant WESTINGHOUSE ELECTRIC CORPORATION OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA

Inventors RAYMOND EDGAR WIEN, JOHN FRANCIS COTTON AND JACK GILBERT HANKS

Application No 1445/Cal/76 filed August 10, 1976

Appropriate office for opposition Proceedings (Rule 4 Patents Rules 1972) Patent Office, Calcutta

8 Claims

A circuit interrupter, for an oil filled distribution transformer, comprising a first stationary contact a second stationary contact separable from said first stationary contact bridging contact means an elongated contact arm having said bridging contact means connected thereto, pivotal about an axis between a closed position wherein said bridging contact means completes an electric circuit between said first stationary contact and said second stationary contact and an open position wherein said bridging contact means is spaced apart from said first stationary contact and said second stationary contact, primary latch means connected to said elongated contact arm when in a latching position latching said elongated contact arm in the closed position, a secondary latch in a latched position keeping said primary latch means in the latched position characterised in that bimetal actuating means responsive to current flow for unlatching said secondary latch when current flow through the circuit interrupter exceeds a selected trip level for a predetermined period of time, and, a magnetically responsive trip rigidly connected to said secondary latch having a portion disposed in proximity to said bimetal actuating means to be drawn toward said bimetal actuating means in latching said secondary latch when current flow through said bimetal actuating means exceeds a high current overload level

Comp Specn 15 Pages Drgs 4 Sheets

CLASS 206E 146805
Int Cl H01h 19/00, 1/00

METHOD OF FABRICATING A SEMICONDUCTOR DEVICE

Applicant : RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020, UNITED STATES OF AMERICA

Inventor WOJCIECH ROSNOWSKI.

Application No 634/Cal/77 filed April 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

15 Claims

A method of fabricating a semiconductor device (10) comprising the steps of forming a source (18, 19) of first impurities of one conductivity determining type on two major opposing surfaces (14, 16) of a semiconductor wafer (12), said wafer (12) containing opposite type determining impurities, characterized by selectively forming a source of second impurities of said one conductivity determining type of preselected portions (22) of said surfaces (14, 16), said second impurities having a comparatively higher diffusivity in said wafer (12) to a temperature at which said first impurities and said second impurities penetrate said wafer (12) for a time long enough so that said second impurities form first continuous regions (28) between said two opposing surfaces (14, 16).

Comp Specn 13 Pages Drg Sheet 1

CLASS 40 I & 128G 146806
Int Cl A61b 10/00

METHOD OF PREPARING A TEST DEVICE FOR DETERMINING THE PRESENCE OF A CONSTITUENT IN A SAMPLE, PARTICULARLY A BODILY FLUID

Applicant MILES LABORATORIES, INC., AT 1127 MYRTLE STREET, ELKHART, INDIANA, UNITED STATES OF AMERICA

Inventor LEIGHTON CLIFFORD JOHNSON

Application No 908/Cal/77 filed June 16, 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

17 Claims

A method for preparing a test device for determining the presence of a constituent in a sample particularly a body fluid which comprises

preparing a first reactant ink and printing the first ink on to a carrier matrix, and preparing at least a second reactant ink and printing the second ink on to the carrier matrix such that the first and second inks are imprinted as substantially non-contacting impressions in different coplanar areas on the carrier matrix

Prov. Specn 15 Pages Comp Specn 16 Pages. Drgs 1 Sheet

CLASS—70C 146807
Int Cl —C22d 3/12

IMPROVEMENTS IN OR RELATING TO THE PROCESS OF MANUFACTURE OF ALUMINIUM IN ELECTROLYTIC CELLS

Applicant Mrs MAY D'COUTO, EPI/276 (FORMERLY EPI/250) ALUPURAM UDYOGAMANDAL 683501, KERALA

Inventor ANTONY AUGUSTINE D'COUTO

Application No 171/MAS/77 filed on 18th October, 1977

Comp Specn left July 17, 1978

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch

5 Claims (No Drawing)

A process for the manufacture of aluminium in an electrolytic cell or pot, including the step of melting the electrolyte solidified during the process and subsequent release of the anode(s) from the surrounding solidified bath or electrolyte and the molten heel or metal beneath said bath comprising transferring or removing the said molten heel or metal just to the level to cause a decrease of contact area between the anode and the molten heel or metal and a corresponding increase of the cell or pot voltage to a desired level wherein said transferring is carried out by digging down one or more holes through the solidified bath and siphoning out and/or spooning the molten heel therethrough

CLASS : 107 G.

I.C.F. 02 b 7/06.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

8 Claims.

A MIXING CHAMBER CUM CONTROL VALVE ASSEMBLY FOR USE IN A COMPRESSION IGNITION INTERNAL COMBUSTION ENGINE FOR SUBSTITUTING METHANE CONTAINING GAS PARTLY FOR DIESEL OIL NORMALLY REQUIRED.

Applicant : KIRLOSKAR OIL ENGINES LIMITED
LAXMANRAO KIRLOSKAR ROAD, POONA 411 003,
MAHARASHTRA, INDIA.

Inventor : NIDADAVOLU NARA NARAYAN RAO.

Application No 157/BOM/77 Filed on May 4, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

7 Claims.

A mixing chamber cum control valve assembly for use in a compression ignition internal combustion engine for substituting methane containing gas partly for diesel oil normally required, the said assembly comprising a mixing chamber having two holes at diametrically opposite ends, one of the said diametrically opposite end holes being connectable to the air cleaner of the said engine and having a further hole which is connectable to the inlet manifold of the said engine, an inner mixing chamber both the ends of which are open and which has a plurality of perforations, provided in the said mixing chamber coaxially with the other diametrically opposite end hole and a control valve the exit pipe of which is connected to the said other diametrically opposite end hole and the entrance pipe of which is connectable to methane containing gas supply.

CLASS 144E,
Int. Cl.-C09c 1/00.

146809.

A METHOD OF MANUFACTURE OF AN INORGANIC GREEN PIGMENTS OF FERROCYANIDES OF IRON (III) AND TITANYL (II).

Applicant : SUDARSHAN CHEMICAL INDUSTRIES LIMITED, AT 162, WELLESLEY ROAD, POONA-411001, MAHARASHTRA, INDIA.

Inventor : KOSHOR LAXMINARAYAN RATHI.

Application No. 106/Bom/76 filed April 1, 1976.

Complete Specification left March 29, 1977.

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Bombay Branch.

6 Claims. No drawings.

A method of manufacture of inorganic green pigment of ferrocyanides of iron (III) and titanyl (II) wherein the said ferrocyanides are coprecipitated in sulphuric acid solution of a ferrous salt and a titanium salt by a solution of ferrocyanide in following varying proportions.

Ti Salt : Fe (II) Salt

0.5 : 1
3 : 2
4 : 1
6 : 1

and reacting the said co-precipitate by an oxidising substance.

Prov. Specn 6 Pages. Comp Specn. 12 Pages. Drgs Sheet—Nil.

CLASS 144E.

I.C. C09c 1/00. 146810

"A PROCESS FOR THE PREPARATION OF VIOLET PIGMENTS".

Applicants : SUDARSHAN CHEMICAL INDUSTRIES LIMITED, 162, WELLESLEY ROAD, POONA-411001 MAHARASHTRA, INDIA.

Inventor : KISHOR LAXMINARAYAN RATHI.

Application No. : 274/Bom/1976 Filed on Aug. 12, 1976.

Comp. Specn. left May 20, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

8 Claims.

A process for the preparation of a violet pigment consisting of homogeneous crystals of barium sulphate and barium manganate comprising reacting a water soluble barium compound with a mixed solution of a sulphate and a manganate [(MnO₄)⁻²] salt of an alkali metal in an alkaline medium so as to yield a pigment containing barium manganate and barium sulphate in 1 : 4 to 1 : 50 ratio.

CLASS 48C & 96.

146811.

Int. Cl.-H02g 1/00, H01b 3/00.

APPARATUS FOR USE IN THE MANUFACTURE OF A WIRING HARNESS.

Applicant : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM, B19 2XF, ENGLAND.

Inventor : ROBERT AMPHLETT.

Application No. 889/Cal/76 filed May 22, 1976.

Convention date May 23, 1975/(22536/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

Apparatus for use in the manufacture of a wiring harness of the kind including a plurality of conductive leads, each comprising a thermoplastic sheath containing the conductive core of the lead and a thermoplastic tape to which the sheaths of the leads are fused to hold the leads in desired relative positions, the apparatus comprising first and second rollers between which the leads and the thermoplastic tape pass in use the rollers pressing the tape against the leads, means driving at least one of the rollers, so that the leads and tape are driven between the rollers by rotation of the rollers, and heater means movable relative to the rollers between an operative position wherein the heater means heats mutually presented surfaces of the tape and sheaths of the leads prior to their passage between the rollers so that the pressure applied by the rollers causes said heated surfaces of the tape and the sheaths to fuse together, and a rest position spaced from the rollers.

Comp. Specn. 25 Pages. Drg. 4 Sheets.

CLASS E 131B,
Int. Cl.-E21b 17/04.

146812.

IMPROVEMENTS IN OR RELATING TO A TUBULAR CONNECTOR FOR A DRILLING CROWN.

Applicant : FORACO FORAGE RATIONNEL CONSTRUCTION, S.A., OF 24, AVENUE GEORGE V. 75008 PARIS, FRANCE

Inventor : ANDRE MARIE LAMOTHE.

Application No. 1752/Cal/76 filed September 22, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A tubular drill connector having an upper end provided with first means for attaching it to a drilling pipe system, a tube providing an axial downward extension of the drilling pipe system and having at its lower end second means for attaching to it an annular drilling crown having bits for cutting out a cylindrical core, a central passage defined by the tube for receiving the cut out core, an external shouldered portion of the tube spaced upwardly from the diameter, a port extending inwardly and inwardly through the tube wall from a position beneath the shouldered portion so as to communicate with the central passage, and a channel extending downwards through the tube wall from a position above the shouldered portion to a position adjacent to the crown whereby, when the connector is in use, drilling fluid can be passed down the channel to remove cuttings from the vicinity of the crown and to carry at least some of such cuttings upwards around

the outside of the extension tube to the position of the port through which the cuttings are conveyed inwardly and upwardly to the central passage in the connector

Comp. Specn. 8 Pages. Drg. 1 Sheet.

CLASS 131B. 145813.
Int. Cl.-E21b 17, 04.

IMPROVEMENTS IN OR RELATING TO RECOVERY APPARATUS FOR THE COLLECTION FROM A GAS STREAM OF CUTTINGS RESULTING FROM A DRILLING OR CORE-EXTRACTION OPERATION.

Applicant: FORACO FORAGE RATIONNEL CONSTRUCTION, S.A., OF 24, AVENUE GEORGE V, 75008 PARIS, FRANCE.

Inventor: ANDRE MARIE LAMOTHE.

Application No. 1753/Cal/76 filed September 22, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Recovery apparatus for the collection from a gas stream of cuttings resulting from a drilling, or core extraction, operation comprising an apertured tube for attachment to the outlet end of a delivery tube carrying gas-borne cuttings, a perforated recovery sheath open at one end and closed at the other, the apertured tube extending into the open end of the recovery sheath and both being surrounded, for at least most of their length, by an open-ended decompression sleeve.

Comp. Specn. 7 Pages. Drg. 1 Sheet.

CLASS 90C & I 146814
Int. Cl.-C03c 27/00.

METHOD AND APPARATUS FOR CASTING OF SHEETS OR FILMS OF HIGH OPTICAL QUALITY.

Applicant: SAINT-GOBAIN INDUSTRIES, OF 62 BOULEVARD VICTOR HUGO, 92209 NEUILLY SUR SEINE, FRANCE.

Inventors: CLAUDE BOURELLER, ROGER CRAIN, RUDOLF PELZER, WOLFGANG SCHAEFFER AND SIEGFRIED SCHINDLER.

Application No. 903/Cal/77 filed June 16, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A method of making sheets or films of high optical quality in which solidifiable liquid product of any known type is cast on to a surface moving at uniform speed on which the product is solidified, said surface being formed by a series of glass plates which are deposited one after the other to form a continuous surface on conveyor means conveying the surface below a casting head, the successive deposited plates coming into contact with the preceding plate to form the continuous surface at the same moment as a joint between two already deposited plates passes below said casting head.

Comp. Specn. 11 Pages. Drags. 2 Sheets.

CLASS 32F a. 32az. 146815.
Int. Cl.-C07c 49/68, C09b, 1/00, 51/00.

PROCESS FOR THE MONONITRATION OF ANTHRAQUINONE.

Applicant: BAYER AKTIENGESELLSCHAFT, OF 5090 LEVERKUSEN, BAYERWERK, WEST GERMANY.

Inventors: WALTER HOHMANN, KLAUS WUNDERLICH AND HELMUT SEIDLER.

Application No. 238/Del/77 filed September 15, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

14 Claims. No drawings.

Process for the preparation of 1-nitro-anthraquinone with yields of more than 73% by the mononitration of anthraquinone with nitric acid/sulphuric acid mixtures, characterised in that anthraquinone is nitrated in a nitric acid/sulphuric acid mixture, in which the weight ratio of nitric acid to sulphuric acid is about 1 : 1 to about 2 : 1, in which the weight ratio of sulphuric acid to anthraquinone is about 0.5 : 1 to about 1 : 1 and in which the weight ratio of sulphuric acid to water is about 2.5 : 1 to about 5.5 : 1, the weight ratios relating to the sum of the materials employed, at temperatures in the range from 45 to 70°C until the anthraquinone content is less than 3% by weight, relative to the sum of all the compounds with anthraquinone-structure present in the reaction mixture obtained at the end of the reaction.

Comp. Specn. 33 Pages. Drgs. Sheet—Nil.

CLASS 14C & 14D. 146816.
Int. Cl.-H01m 35/02.

A PROCESS FOR PREPARING NEGATIVE ACTIVE MASS OF NICKEL IRON CELLS.

Applicant: INDIAN INSTITUTE OF TECHNOLOGY, I.I.T. P.O., MADRAS-600036, TAMIL NADU, INDIA.

Inventor: AYYAGARI PRABHAKARA RAO.

Application No. 148/Mas/76 filed August 5, 1976.

Complete Specification Left. November 5, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

5 Claims. No drawing.

A method of preparing negative active mass of nickel iron cells comprising the steps of grinding iron oxide ore to fine size and either simultaneously or subsequently separating the magnetic iron oxide content of the ground ore from its remaining non-magnetic iron oxide content by known methods of beneficiation; converting the non-magnetic iron oxide content into magnetic form; and thereafter processing the pure magnetic iron oxide thus obtained, in the known way, to yield the

said negative active mass, characterised in that the maximum possible quantity of the non-magnetic iron oxide content is converted into magnetic form by magnetising roasting whereby the non-magnetic iron oxide is heated in a reducing atmosphere such as, water gas or hydrogen, at temperatures up to 1000°C and, at the same time, any excessive reduction to Feo is prevented by providing an oxidising atmosphere during the reaction, so as to obtain the maximum possible quantity of iron oxide in its magnetic form.

CLASS 11D. 146817.
Int. Cl.-A01m 23/08 & 23/12.

IMPROVED RODENT TRAP.

Applicant & Inventor: THIRUVENGADASWAMY VENKATACHALAM, 12-A, MARKET FEEDER ROAD, RANIPET, NORTH ARCOT DISTRICT, TAMIL NADU.

Application No. 217/Mas/76 filed November 18, 1976.

Complete Specification Left November 16, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

14 Claims.

An improved rodent trap, comprising a vessel and a dust member one end of said dust member being open and the other end thereof being provided with an one-way trap door member capable of being opened only towards the interior of the said dust member, means being provided for preventing the rodents from entering into the said duct member through its open end, a further means being provided towards the said open end for suspending a bait from the ceiling of the said duct member, and said duct member being pivotally and horizontally mounted on the said vessel so that when the rodent entering through said door member passes the pivoting point the open end of the said duct member rotates downward causing the rodent to fall into the vessel.

CLASS 32F.
Int. Cl.-C08g 17/02.

146818.

PROCESS FOR THE PRODUCTION OF POLYOLS CONTAINING BASIC NITROGEN.

Applicants : THE INDIAN SPACE RESEARCH ORGANISATION, DEPARTMENT OF SPACE, 'F' BLOCK, CAUVERY BHAVAN, DISTRICT OFFICE ROAD, BANGALORE-560 009, KARNATAKA STATE.

Inventor : SURESH KUMAR NEMA.

Application No. 38/Mas/78 filed on 17th March, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims, No drawing.

A process for the preparation of polyols containing basic nitrogen comprising homopolymerising 12-hydroxy stearic acid in an aromatic solvent to poly-(12-hydroxy stearic acid) in presence of an acid catalyst, monitoring the degree of polymerisation by measuring the drop in the acid value of the said homo-polymer till the degree of polymerisation ranging from 2 to 10 is achieved, and esterifying the said poly-(12-hydroxy stearic acid) with methyl alcohol, followed by transesterifying the resulting methyl ester of the said poly-(12-hydroxy stearic acid) with an alkanolamine by methods known per se and recovering the resulting poly-ols containing basic nitrogen by known methods.

CLASS 32A.
I.C. C09b 57/00.

146819.

"PROCESS OF PREPARATION OF DISPERSE/REACTIVE DYES".

Applicant : AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, P.O. POLYTECHNIC AHMEDABAD 380015, GUJARAT, INDIA.

Inventors : 1. PREM PAL SINGH, 2. MAHENDRASING MOTI SINGH GHARIA, 3. RAMANLAL SOMABHAI PATEL, 4. HARISH CHANDRA SRIVASTAVA, 5. SURYAKANT SHIVSHANKAR TRIVEDI.

Application No. 387/Bom/76 filed on November 5, 1976.

Complete Specification left January 1, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Bombay Branch.

7 Claims.

Process of preparation of insolubilized disperse/reactive dyes such as herein described, comprising reacting the dye in the presence of water with an insolubilizing agent, said insolubilizing agent being obtained by reacting at least one nitrogenous compound selected from the group consisting of ammonia, amines like alkylamines with 1 to 4 C-atoms and salt(s) thereof with an epoxide such as herein described, separating the insolubilizing dye so obtained from water, e.g. by filtration/centrifugation/evaporation.

CLASS 26
I.C. A 46b 9/00.

146820.

TOOTHBRUSHES.

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, BOMBAY 400 020, MAHARASHTRA, INDIA.

Inventor : BRINLEY ROY PUGH, *A BRITISH NATIONAL.

Application No. 404/Bom/76 filed on November 19, 1976.
(Convention date 21-11-1975 48001/75/U.K.).

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

7 Claims.

A toothbrush including at least two adjacent longitudinal rows of filaments which lie along the direction of the handle
2-237GI/79

in which in one of said rows the filaments are upright and in the other row the filaments, while lying in an upright longitudinal plane, are inclined to the upright each in the same direction when viewed in a direction normal to the longitudinal plane.

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3).

(1)

Under Section 78(1) of the Patents Act, 1970, certain clerical errors occurring in the application, specification and patent in respect of patent No. 142075 has been corrected on 4th August 1979.

(2)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 144825 (earlier numbered as 870/Cal/76) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 15th July, 1978 has been corrected to read as "Process for the calibration of co-extruded multi-layer extrusion profiles made from thermo-plastic materials and an extruded profile calibrated by such process", under Section 78(3) of the Patents Act, 1970

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

104662 104691 104723 104724 104864 104883 104991 105190
105123 105623 105792 105801 105885 105974 106055 106071
106097 106098 106099 106140 106193 106240 106281 106343
106401 106405 106576 106810 107002 107104 107373 107541
107612 107672 107892 107942 107976 108051 108119 108239
108273 108449 108450 108451 108578 108581 108609 108682
108708 108790 108798 108823 108890 109020 109158 109198
109216 109404 109523 109632 109684 109711 109829 109830
109907 109934 109991 110030 110110 110452 110567 110663
110762 110908 110920 110924 111165 111172 111285 111451
111572 111591 111609 111631 111632 111935 112172 112325
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84089 97560 97949 105138 106481 110954 112628 124921
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137516 137518 137522 137526 137527 137529 137534 137535
137536 137537 137538

PATENTS SEALED

142963 143408 143691 143807 143865 143945 144003 144291
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145678 145679 145690 145699 145703 145704 145708 145711
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145740 145745 145747 145751 145752 145753 145754 145756
145758 145762 145764 145765 145775 145776 145778 145779
145780 145782 145783 145792 135795 145796 145814 145832
145833 145838 145839 145847

**PATENTS DEEMED TO BE ENDORSED WITH
THE WORDS "LICENCES OF RIGHT"**

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. & Title of the invention

137611 (3-11-72) A process relating to the production of orthophthalonitrile from orthoxylene.

137612 (13-7-73) Polymerisation of olefin.

RENEWAL FEES PAID

95454 95720 96008 96168 97039 100193 100194 100195
100196 100197 100675 100725 101805 101973 102030 102215
103169 106329 106451 106657 106670 106820 106846 107725
110153 111212 111849 111909 112036 112037 112160 112381
112859 113007 116816 117092 117300 117315 117513 117579
117715 117754 118662 121926 122325 122873 123027 124015
127359 127583 127909 128017 128030 128073 129034 130926
132465 132494 132513 132533 132548 132564 132640 132694
132733 132846 132894 132928 132929 132963 132969 132990
133029 133444 133538 133961 133966 134184 134374 135479
135623 136091 136731 136825 136906 137046 137073 137207
137334 137389 137602 137738 137763 137870 138127 138318
138572 138573 139118 139292 139295 139299 139585 139618
139724 139752 140162 140218 140220 140328 140375 140576
140646 140767 140785 140809 141111 141208 141245 141568
141611 141623 141661 141787 141807 141902 142106 142195
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142944 142978 143085 143108 143343 143421 143459 143460
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144160 144204 144216 144219 144241 144307 144338 144369
144445 144450 144453 144475 144517 144562 144604 144665
145099

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 148047. Merit Manufacturers, an Indian Registered Partnership firm, of Masaawala Compound Juhu Lane, S. V. Road, Andheri (West), Bombay-400058, Maharashtra, India, 'Earrings'. January 27, 1979.

Class 1. No. 148054. Suresh Jain, an Indian national, of FE-18, Malviya Industrial Area, Jaipur-4, Rajasthan, India. "Holder for an automatic dipper for use in vehicles". January 31, 1979.

Class 1. No. 148063. Anchor Industries, 185, Bombay Talkies Compound, Malad (West), Bombay-400064, Maharashtra, an Indian Partnership firm. "Electric Choke". February 3, 1979.

Class 1. No. 148084. Motheddeh Brothers, Nai Sarak, Moradabad, Uttar Pradesh, Indian Nationals. "Hukka". February 13, 1979.

Class 1. No. 148089. Motheddeh Brothers, Nai Sarak-19, Moradabad, (Uttar Pradesh) an Indian Partnership concern. "Metal pot (Huqqa)". February 14, 1979.

Class 1. No. 148101. Larsen & Toubro Limited, of L & T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company. "A semiconductor contractor". February 16, 1979.

Class 1. No. 148107. Elofic Industries (India), Kashmore Gate, Delhi, an Indian Partnership Concern. "Air filters being motor parts". February 17, 1979.

Class 1. No. 148177. Kultar Kaur Chadha, trading as Hardima Sales Corporation, 4161/65, Gali Shah Tara, Ajmeri Gate, Delhi-110006, Indian National. "Door handle". March 16, 1979.

Class 3. No. 147720. Mimi Trading Corporation, 5-B, Kanchan Villa, Gorawadi, Malad, Bombay-400064, Maharashtra, Indian partnership firm. "Tablet holding plug (device)". November 13, 1978.

Class 3. No. 147734. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road. Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm. "Ash tray". November 17, 1978.

Class 3. No. 147756. (1) Ranchhoddas, (2) Madanlal, (3) Mohanlal, (4) Kantilal, (5) Mahender, (6) Narendar, (7) Vijay and Pravin Kumar, all Indian Nationals, partners of Purandas Ranchhoddas & Sons, Gulzar Houz, Hyderabad-500002, Andhra Pradesh, India. "Bottles". November 21, 1978.

Class 3. No. 148049. Plastic & Metal Devices (India), H-172, Ashok Vihar, Delhi-110052, an Indian Partnership Firm. "Pencil sharpener". January 29, 1979.

Class 3. No. 148065. National Plastics, Industries, 5, Rewa Chambers, First Floor, New Marine Lines, Bombay-400020, Maharashtra, an Indian Partnership firm. "Decorative lamp with multi reflection". February 3, 1979.

Class 3. No. 148066. Mrs. Lalitha Raghunath, a citizen of India, at 305, Bussa Industrial Estate, near Century Bazar, Prabhadevi, Bombay-400 025, State of Maharashtra, India, under the firm name of Sumav Industries. "A spoon-cum-fork for serving food". February 3, 1979.

Class 3. No. 148083. Larsen & Toubro Limited, of L & T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company. "A power factor level indicator". February 13, 1979.

Class 3. No. 148092. Larsen & Toubro Limited, of L & T House, Ballard Estate Bombay-400038, Maharashtra, India, an Indian Company. "An earth leakage relay". February 15, 1979.

Class 3. No. 148120. Larsen & Toubro Limited, of L & T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company. "A semiconductor contractor". February 16, 1979.

Class 3. No. 148105. Tushar Handicrafts, Unit No. 230, 2nd Floor, 105, Channakal Industrial Estate, Behind Runam Cinema, Road No. 29, Sion, (East), Bombay-400022, Maharashtra State, an Indian Partnership firm. "Water filter". February 17, 1979.

Class 3. No. 148119. Mimi Trading Corporation, 5-B, Kanchan Villa, Gorawadi, Malad, Bombay-400064, Maharashtra, Indian Partnership firm. "Cap". February 21, 1979.

Class 4. No. 147757. (1) Ranchhoddas, (2) Madanlal, (3) Mohanlal, (4) Kantilal, (5) Mahender, (6) Narender, (7) Vijay and Pravin Kumar, all Indian Nationals, partners of Purandas Ranchhoddas & Sons, Gulzar Houz, Hyderabad-500002, Andhra Pradesh, India. "Bottles". November 21, 1978.

Class 4. No. 147984. Memory Electric Company, Railway Road, Kapurthala, Punjab State, an Indian partnership firm, duly registered under the Indian Partnership Act, 1932. "End shield base of electrical switchgear". January 20, 1979.

Class 4. No. 148043. Shri Zaheer Jehangir Vakil, Proprietor of Capella Apiary, Boat Club Road, Pune-411001, Maharashtra State, India, a subject of Indian Republic. "Bottle for packing honey". January 25, 1979.

Class 4. No. 148088. The Mahalakshmi Glass Works Private Limited (a private limited company incorporated under the Indian Companies Act), Dr. E. Moses Road, Jacob Circle, Bombay-400011, Maharashtra State, "Bottle". February 13, 1979.

Class 4. Nos. 148139 to 148141. The Mahalakshmi Glass Works Private Limited, (a private limited company incorporated under the Indian Companies Act), Dr. E. Moses Road, Jacob Circle, Bombay-400011, Maharashtra State, "Bottle". February 27, 1979.

Class 4. No. 148160. The Mahalakshmi Glass Works Private Limited, (a private limited company incorporated under the Indian Companies Act), Dr. E. Moses Road, Jacob Circle, Bombay-400011, Maharashtra State, "Bottle". March 12, 1979.

Class 5. No. 148058. Sree Swaraj Kumar De. 9/1, Kali Prasanna Nayaratna Lane, Calcutta-700036, Indian, "Containers". February 2, 1979.

Class 10. No. 148087. Pravin Cutlery Stores, Dewan Para, Main Road, Matru Kripa, Rajkot (Gujarat), an Indian Proprietary firm. "Footwear". February 13, 1979.

Class 14. No. 147815. Associated Apparel Private Limited, a company incorporated under the provisions of Indian Companies Act, of Akashdeep, 4-5, Zakaria Bunder Road, Sewree, Bombay-400015, State of Maharashtra, India. "Strips and checks on the woven textile design". December 12, 1979.

Name Index of applicants for patents for the month of June, 1979 (566/Cal/79 to 671/Cal/79, 162/Bom/79 to 194/Bom/79, 98/Mas/79 to 120/Mas/79 and 390/Del/79 to 476/Del/79).

Name & Appln. No

-A-

A/S. Norcem—393/Del/79.

Ahmedabad Textile Industry's Research Association.—168/Bom/79 and 186/Bom/79.

Aikoh Co., Ltd.—659/Cal/79.

Air Preheater Company Inc., The.—608/Cal/79 and 653/Cal/79.

Alkzo Nv.—596/Cal/79.

Aluminum Pechiney.—425/Del/79.

Amerace Corporation.—617/Cal/79.

American Cyanamid Company.—631/Cal/79.

American Mill Incorporated.—634/Cal/79.

Ammonia Casale S. A.—612/Cal/79.

Amsted Industries Incorporated.—663/Cal/79.

Aron, D. S.—403/Del/79.

Atlantic Richfield Company.—658/Cal/79.

Ayachit, A. V.—189/Bom/79.

Ayachit, S. V.—189/Bom/79.

Ayachit, V. S.—189/Bom/79.

-B-

BBC Brown, Boveri & Company Limited.—590/Cal/79.

Banerjee, O.—597/Cal/79.

Basu, D. P.—639/Cal/79.

Basu, R.—638/Cal/79.

Bayer Aktiengesellschaft.—405/Del/79.

Beloit Corporation.—591/Cal/79.

Bendix Corporation, The.—423/Del/79.

Bharat Electronics Ltd.—114/Mas/79.

Bharat Heavy Electricals Ltd.—417/Del/79, 418/Del/79, 419/Del/79 and 468/Del/79.

Bhargava, S. K.—422/Del/79.

Bhatt, K. C.—111/Mas/79.

Bihani Industries.—664/Cal/79.

Bunkar Ramo Corporation.—632/Cal/79, 646/Cal/79 and 668/Cal/79.

Burroughs Corporation.—575/Cal/79.

-C-

CSELT-Centrol Studi E Laboratori Tele-Comunicazioni S.p.a.—594/Cal/79.

Camphor & Allied Products Ltd.—169/Bom/79, 170/Bom/79, 171/Bom/79, and 172/Bom/79.

Chakradeo, B. L.—163/Bom/79 and 180/Bom/79.

Chhaya Sales and Services.—187/Bom/79.

Chief Controller Research & Development, Ministry of Defence, Govt. of India, New Delhi.—435/Del/79.

Chloride Group Limited.—475/Del/79.

Chlorine Engineers Corp., Ltd.—578/Cal/79.

Corning Glass Works.—404/Del/79, 589/Cal/79 and 605/Cal/79.

Coronation Sporting Ball Company.—471/Del/79 and 472/Del/79.

Council of Scientific & Industrial Research.—398/Del/79, 399/Del/79, 400/Del/79, 401/Del/79, 411/Del/79, 457/Del/79, 458/Del/79, 459/Del/79, and 476/Del/79.

-D-

DHV Raadgevend Ingenieursbureau BV.—586/Cal/79.

Dr. Werner Freyberg Chemische Fabrik Delitia Nachf.—626/Cal/79.

Daitchi Seiyaku Co., Ltd.—588/Cal/79.

Delhi Cloth & General Mills Co. Ltd., The.—402/Bom/79.

Desai, J. C.—165/Bom/79.

Desai, K. J.—165/Bom/79.

Desai, M. J.—165/Bom/79.

Desai, P. W.—181/Bom/79.

Diamond Shamrock Corporation.—627/Cal/79.

-D- (Contd.)

Director, Central Council for Research in Ayurveda and Siddha, The.—469/Del/79.
 Director General, Cement Research Institute of India, The.—466/Del/79.
 Dorr-Oliver Incorporated.—431/Del/79.
 Dresser Industries, Inc.—424/Del/79.
 Dynamit Nobel Aktiengesellschaft.—577/Cal/79 and 671/Cal/79.

-E-

Earl, H. E.—662/Cal/79.
 Extrados Co., Ltd.—441/Del/79.
 Exxon Research and Engineering Company.—427/Del/79.

-F-

F. L. Smidth & Co. A/S.—624/Cal/79.
 Flir Systems, Inc.—413/Del/79.
 Fomento DE Inversiones Industriales S. A.—606/Cal/79.

-G-

G. D. Societa' Per Azioni.—568/Cal/79.
 Ganesan, R.—120/Mas/79.
 Gaur, A. K.—416/Del/79.
 Gilmore, O. P.—442/Del/79.
 Gouri, D.—175/Bom/79.
 Grachev, K. A.—644/Cal/79.
 Griseemann, M. G. R.—403/Del/79.
 Gunduraj, K. N.—99/Mas/79.
 Gupta, H.—190/Bom/79.
 Gupta, J. L. (Dr.).—410/Del/79.
 Gupta, S.—190/Bom/79.

-H-

Hamied, U. K. (Dr.).—193/Bom/79 and 194/Bom/79.
 Harrington, F. H.—412/Del/79.
 Hegde & Colay Ltd.—104/Mas/79, 105/Mas/79, 106/Mas/79, 107/Mas/79, 108/Mas/79, 109/Mas/79 and 110/Mas/79.
 Hindustan Lever Ltd.—183/Bom/79.
 Hitachi, Ltd.—635/Cal/79.
 Hoechst Aktiengesellschaft.—572/Cal/79, 604/Cal/79 and 607/Cal/79.
 Hoechst Pharmaceuticals Limited.—167/Bom/79.
 Honegger, F.—446/Del/79.
 Hyde, F. H.—445/Del/79.

-I-

ICI Australia Ltd.—448/Del/79.
 I.S.C. Smelting Limited.—462/Del/79.
 Impact International Pty. Ltd.—429/Del/79.
 Imperial Chemical Industries Ltd.—573/Cal/79.

-J-

J. K. Batteries.—436/Del/79.
 Jajodia, R. K.—473/Del/79.

-K-

Kaplay, M. C.—164/Bom/79.
 Kardile, J. N.—192/Bom/79.
 Kelkar, P. G.—188/Bom/79.
 Kentiki Chemicals & Pharmaceuticals Private Limited.—101/Mas/79.
 Khan, A. A.—415/Del/79.
 Koster, H. (Dipl. Ing.) 463/Del/79, 464/Del/79, 465/Del/79, and 467/Del/79.
 Kumar, V.—438/Del/79 and 439/Del/79.

-L-

Lohar, M. M.—184/Bom/79.
 Lonza Ltd.—613/Cal/79.
 Lucan Industries Ltd.—406/Del/79.

-M-

Magyar Aluminiumipari Troszt.—648/Cal/79.
 Mamooowala, E. S.—166/Bom/79.
 Mamooowala, K. A.—166/Bom/79.
 Mamooowala, S. A.—166/Bom/79.
 Mamooowala, Y. K.—166/Bom/79.
 Manchanda, U.—102/Mas/79.
 Manohar.—191/Bom/79.
 Marathe, R. B.—177/Bom/79.
 Martinmaas, W. W.—599/Cal/79 and 616/Cal/79.
 Maruthia, S. M. A.—116/Mas/79.
 Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft.—595/Cal/79, 620/Cal/79 and 670/Cal/79.
 Maschinenfabrik Buckau R. Wolf Aktiengesellschaft—508/Cal/79.
 Maschinenfabrik Rieter A. G.—570/Cal/79.
 Matalon, R.—665/Cal/79.
 Metallurgical Processes Limited.—462/Del/79.
 Miles Laboratories, Inc.—440/Del/79.
 Mishra, S. P.—453/Del/79.
 Mitsubishi Jukogyo Kabushiki Kaisha.—643/Cal/79.
 Mohindeen, A. C. M.—112/Mas/79.
 Monsanto Company.—598/Cal/79.
 Montedison S.p.A.—611/Cal/79.
 Morgan Construction Co.—433/Del/79.
 Mundipharma A. G.—587/Cal/79.

-N-

Narayanan, M. A. B.—100/Mas/79.
 Nazir, C. P.—615/Cal/79.

Nederlandse Organisatie Voor Tegepast Natuurwetenschappelijk Onderzoek Ten Behoeve Van Nijverheid, Handel EN

Verkeer (Nijverheidsorganisatie TNO).—649/Cal/79.

New Metal Foundaries.—391/Del/79, 392/Del/79, 420/Del/79, and 421/Del/79.

Nitto Boseki Co. Ltd.—600/Cal/79, 601/Cal/79 and 602/79, and 630/Cal/79.

Norsk Hydro as.—474/Del/79

-O-

Olin Corporation.—426/Del/79.

Orissa Cement Limited.—622/Cal/79, 628/Cal/79, 629/Cal/79, and 630/Cal/79.

Outokumpu OY.—623/Cal/79.

-P-

Pal, D.—438/Del/79 and 439/Del/79.

Pall Corporation.—461/Del/79

Patwardhan, R. S.—173/Bom/79.

Pfinex International.—117/Mas/79 and 119/Mas/79.

Pfizer Inc.—451/Del/79.

Pingon, P. J. D.—444/Del/79,

Pont-A Mousen S. A.—430/Del/79.

Popat, M. V.—185/Bom/79.

Pophale, S. R.—176/Bom/79.

Post Office, The (British Body Corporate).—621/Cal/79

Products Chimiques Uguine Kuhlmann—432/Del/79.

Proizvodstvennoe Obiedinenie "Uralkhromyazhmash".—661/Cal/79.

-R-

R & N Company.—437/Del/79.

Raman, M. S. I. K.—113/Mas/79.

Rathi Industrial Equipment Co. Pvt. Ltd.—179/Bom/79.

Ratnaparkhi, P. K.—176/Bom/79.

Ratnaparkhi, R. K.—176/Bom/79.

Rexnord Inc.—414/Del/79.

Robins, M.—662/Cal/79.

Roy, S.—636/Cal/79 and 637/Cal/79.

Ruhrchemie Aktiengesellschaft—407/Del/79.

Ryazansky Radiotekhnicheskyy Institut-USSR.—582/Cal/79, 583/Cal/79 and 584/Cal/79.

-S-

S. Franzen Sohne (GMBH & Co.)—650/Cal/79.

Sara Technical Services Pvt. Ltd.—450/Del/79.

Sankar C.—610/Cal/79.

Sankar, S.—610/Cal/79.

Schweizerische Isola-Werke.—633/Cal/79.

Severo-Zapadnoe Geologicheskoe Upravlenie.—581/Cal/79.

Shah, K. H.—162/Bom/79.

Sharma, M. (Manohar).—191/Bom/79.

Sibal, B. K.—174/Bom/79.

Siemens Aktiengesellschaft.—592/Cal/79, 603/Cal/79, 625/Cal/79, 655/Cal/79, 656/Cal/79, 657/Cal/79 and 667/Cal/79.

Silver Seiko Ltd.—666/Cal/79.

Singh, H.—438/Del/79 and 439/Del/79.

Singh, J. K.—579/Cal/79.

Singh, R.—390/Del/79 and 456/Del/79.

Sinha, H. S.—645/Cal/79.

Smithkline Corporation—470/Del/79.

Snamprogetti S.p.A.—640/Cal/79, 641/Cal/79 and 642/Cal/79.

Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A.—593/Cal/79.

Sood, B. L.—394/Del/79, 395/Del/79, 396/Del/79 and 397/Del/79.

Southwire Co.—452/Del/79 and 455/Del/79.

Stark, V.—614/Cal/79.

Stauffer Chemical Company.—669/Cal/79.

Stephen, A. I.—118/Mas/79.

Strong House International Inc.—574/Cal/79.

Sudarshan Chemical Industry Ltd.—178/Bom/79.

Sulic, J. N.—644/Cal/79.

-T-

Territorialnoe Geologicheskoe Upravlenie Tsentralnykh Rayonov.—581/Cal/79.

Tesa S. A.—443/Del/79.

Texaco Development Corporation.—576/Cal/79, 609/Cal/79, 651/Cal/79 and 652/Cal/79.

Textile and Allied Industry Research Organisation, The.—182/Bom/79.

Thangathirupathy, V. V.—98/Mas/79.

Thoppil, O. V.—115/Mas/79.

Turner & Newall Ltd.—434/Del/79.

Tverskoi, D. N.—644/Del/79.

-U-

USS Engineers and Consultants, Inc.—428/Del/79.

Unie Van Kunstmestfabrieken B. V.—569/Cal/79.

Union Carbide Corporation—408/Del/79 and 409/Del/79.

Union Carbide India Limited.—556/Cal/79 and 567/Cal/79.

Ushio Kogyo Co., Ltd.—647/Cal/79.

Name & Appln No.

-W-

-V-

Veb Kombinat Medizin-Und Labortechnik Leipzig.—660/
Cal/79.

Veb Polygraph Leipzig —618/Cal/79

Venka'achalam, M —103/Mas/79

Voith Turbo GmbH & Co KG —585/Cal/79.

Vosper Thornycroft (UK) Ltd —460/Del/79.

Vsesojuzny elektrotekhnichesky Institut imeni V. I. Lenina —
661/Cal/79.

Warte & Son Ltd —449/Del/79.

Waterbury, N. J.—654/Cal/79.

Wean United Inc —619/Cal/79.

Westinghouse Electric Corporation —571/Cal/79.

Wind Baron Corporation.—454/Del/79.

-Z-

Zoecon Corporation —573/Cal/79

S. VEDARAMAN,
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